INFORMATION BULLETIN

Common Entrance Test for
Master of Computer Application (MCA) Course
JECA-2023

Date of Examination
08.07.2023 (Saturday)

(Tentative and may be changed in extraordinary circumstances)

West Bengal Joint Entrance Examinations Board

DB-118, Sector-I, Salt Lake City

Kolkata 700064

Toll free No.- 1800-1023-781, 1800-1234-782 (Extn No.- 2)

Candidates must go through the Information Bulletin carefully before applying for the examination

	IMPORTANT INSTRUCTIONS TO CANDIDATES WHILE REGISTERING FOR JECA-2023
	Once an application is received, it will be construed that the candidate agrees to all terms and conditions, rules and regulations stipulated in the Information Bulletin and in the relevant notice(s) published by the Board for the said purpose. **Any application not in compliance with the conditions specified in the Information Bulletin is liable to be rejected.**
1.	Application for the examination must be done online only. No printed application form is available.
2.	Ensure filling genuine application form available online only at www.wbjeeb.nic.in
3.	Do not attempt to make any duplicate application.
4.	**It is essential to have a valid mobile number and a unique valid email ID.** All future communications by the Board will be sent to the registered mobile number and email ID. WBJEEB will not be held responsible for non-receipt of any communication due to wrong/non- existing/non-functional/changed mobile number/ email ID or due to network interruption.
5.	Once the registration details i.e., **name, father's name, mother's name, gender, domicile and date of birth** are entered and submitted, this information **cannot be changed/modified/edited under any circumstances**. Also, the information must match exactly with the school/college admit cards, mark sheets, certificates, photo identity cards, caste/category certificates etc. (as applicable) which a candidate has to produce at the time of entering the examination hall, during counselling/admission and registration with the University.
6.	Do not share your application number, password etc. with anyone. The Board will not be held responsible if any candidate commits the mistake which may result in negative consequences.
7.	Upload **scanned** copy of photograph and signature as per the instructions provided in the Information Bulletin. If any candidate receives any SMS/email regarding discrepancy in photograph/ signature, he/she must take corrective action immediately **within one day.** Admit cards will not be issued if these images are illegible and thus not acceptable.
8.	If any information **other than** name, father's name, mother's name, gender, domicile and date of birth given in the application needs to be corrected, the rectification may be done by the candidate only within the notified '**Correction Period'**. The Board will not make or allow any correction thereafter.
9.	The Examination Fees can be paid by Net Banking/ Debit Card/ Credit Card/ UPI only. Application fee for JECA-2023 is **Rs. 500/- (Rupees five hundred only) for General candidates and Rs. 400/- (Rupees four hundred only) for SC/ST/OBC-A/OBC-B candidates, plus the Bank's service charges,** if applicable. **The fee once paid is not refundable under any circumstances.** **Do not wait for the last day to pay registration fees to avoid payment failure by Bank or EPG.**
10.	Keep copies of **Confirmation page and the Admit card** in safe custody.

11.	Candidates are requested to go through the Board's website (www.wbjeeb.nic.in/ www.wbjeeb.in) regularly to update themselves for the latest information.
12.	• Appearing for the examination and even obtaining a rank do not guarantee admission. • Applicable rules at the time of counselling will determine allotment and admission criteria. • Candidates must make themselves aware of the latest rules and criteria for admission into different University/Institution and other specific criteria issued by the Government/Regulatory bodies from time to time. • Board will not be responsible by any way, if any candidate fails to aware himself/herself regularly on any updated information.
13.	For any query regarding the examination, contact: **The Controller of Examinations** **West Bengal Joint Entrance Examinations Board** **DB-118, Sector –I, Salt Lake City, Kolkata-700064** **Examination Helpdesk: -1800-1023-781, 1800-123-4782 (Ext No.-2)** **Email: info@wbjeeb.in**

1.0	**Introduction**
	The West Bengal Joint Entrance Examinations Board
	The West Bengal Joint Entrance Examinations Board (WBJEEB) was established in 1962 by Government of West Bengal in exercise of the powers conferred under article 162 of the Constitution of India in pursuant to No. 828-Edn(T), dated 02.03.1962.
	Subsequently in 2014, the Government of West Bengal enacted the West Bengal Act XIV of 2014 to form **The West Bengal Joint Entrance Examinations Board** (hereinafter called '**Board**') and empowered it to conduct Common Entrance Examinations for selection of candidates for admission to undergraduate and postgraduate Professional, Vocational and General Degree Courses in the State of West Bengal and to conduct on-line counselling process or otherwise adopting a single-window approach.
	WBJEEB has been instrumental in the admission process based on online application and allotment through e-Counselling since 2012. It advocates fairness and transparency, ensures no-error, and adopts state-of-the-art technology.
2.0	**The examination:** WBJEEB will conduct OMR based Common Entrance Test (**JECA-2023**) for admission in the academic session 2023-24 to Master of Computer Application (MCA) Course in different Universities, Government Institutes as well as Self Financing Institutes in the State of West Bengal.
2.1	**Schedule of JECA-2023**

Date of Examination	Time schedule
08.07.2023 (Saturday) (Tentative and may be changed in extra ordinary circumstances)	**12:00 noon to 02:00 p.m.**

JECA-2023 will be held once only and there shall be no further examination under any circumstances for those who are unable to appear on the above date and time of JECA-2023 examination.

2.2	**Pattern of Question Papers:** The Common Entrance Test will be on one paper only with following structure.

Category-I Each Q carries 1 mark (-ve marks = -1/4)	Category-II Each Q carries 2 marks (No -ve marks)	Total Number of Questions	Total Marks
No. of Q	No. of Q		
80	20	**100**	**120**

All questions will be of **Multiple- Choice Question (MCQ)** type, with four answer options. Time for the paper is 2 hours. The questions will be in **English language only.**

2.3	**Syllabus:** Syllabus for the JECA-2023 is given in APPENDIX-6.
2.4	**Scoring Methodology** a) Category-I: i. Only one option is correct. ii. Correct response will yield 1 (one) mark for each question. iii. Incorrect response will yield -1/4 (25% negative) marks for each question. iv. For any combination of more than one option, even if it contains the correct option, the said answer will be treated as incorrect and will yield -¼ (negative 25%) marks. v. Zero mark will be awarded for not attempting any question. b) Category-II i. One or more option(s) is/are correct. ii. Marking all correct options only will yield 2 (two) marks. iii. For any combination of answers containing one or more incorrect options, the said answer will be treated as incorrect, and it will yield zero (0) mark even if one or more of the chosen option(s) is/are correct. iv. For partially correct answers, i.e., when all correct options are not marked and also no incorrect options are marked, marks awarded = 2 × (no of correct options marked/ total no of actually correct options) v. Zero mark will be awarded for not attempting any question.
2.5	**Mode of answering in the examination** a) Questions are to be answered on specially designed optical machine-readable response **(OMR)** sheet, which will be evaluated by Optical Mark Recognition method. Thus, it is very important to follow the correct method of marking. b) Candidates will indicate response to the questions by **darkening the appropriate circle/bubble completely with blue/black ink ball point pen**. c) Any other kind of marking e.g., filling the circle/bubble incompletely, filling with pencil, cross mark, tick mark, dot mark, circular mark, over writing, scratching, erasing, white ink, marking outside the circle/bubble etc. may lead to wrong/partial/ambiguous reading of the response. **WBJEEB will be, in no way, responsible for such eventuality and this may lead to cancellation of OMR sheet.** d) Response marking cannot be edited/changed/erased/modified.
2.6	**Ranking Methodology and publication of Merit Lists** a) WBJEEB will prepare merit ranks based on the candidates' **score in the Common Entrance Test.** Individual candidates will be able to view and download his/her Rank Card, which will contain score and rank. **WBJEEB does not publish any rank/score list for public** to ensure confidentiality to each individual candidate. b) The rank shall be in the name and style of **'GMR'** (General Merit Rank). c) The sequence of GMR will be prepared based on the marks scored. d) Ranking shall be done in the descending order of marks scored. In case of ties, tie-breaking rules as given in 2.7 shall be applicable.

	e) Separate reserved category merit position will also be indicated for respective category of students e.g., SC Rank, ST Rank, OBC-A Rank, OBC-B Rank, PwD Rank, etc., as applicable. f) **Sequencing order for counselling/allotment of seat/admission will be based on GMR only** (not on category ranks). Category ranks are for information only to candidates of respective category. g) **Category ranks** are generated based on the category information given by the candidates during online application, but documents are verified by the allotted institute during counselling/ admission. Hence, candidate's certificates/ documents/ proofs must be valid as on the date of verification. If any candidate's claim is found invalid during verification, his/her category rank will be cancelled and the candidate will be considered in general category in next round, if any. **Category ranks of other candidates will not be revised.**

2.7	**Tie–breaking Methodology in Merit Rank**
	
	  i. Less negative marks in category-I questions.
	  ii. More marks in category-II questions.
	 iii. After application of the Tie-breaking Rules as applicable if there be still ties, the same will be broken by the date of birth (DOB) of the candidates, with the older candidate having preference over the younger one. If the tie still remains then it will be decided by the application number in ascending order.

2.8	**Rules of the examination (JECA-2023):** Rules to be followed during the examination is given in APPENDIX-5**.**
3.0	**Eligibility and academic qualification criteria**
3.1	**Eligibility criteria for application** **a) Citizenship:** Applicant must be a **Citizen of India**. **b) Qualification:** Passed/appeared in Undergraduate Level/ final Semester Examination.
3.2	**Eligibility criteria for admission:** See appendix-9.
3.3	**Document verification** a) Admit cards, Rank cards are issued based on the information provided by the candidate. All verifications are done during and after counselling **by the allotted Institute**. Hence, candidates cannot assume that the personal information shown in the admit card, rank card are approved by the Board. b) If during document verification by the **allotted Institute**, it is found that information given by the candidate is/are incorrect or if the candidate is unable to produce valid certificate/ document/ proof **as per the then applicable rules and as on the date of its verification**, his/her information will be corrected/modified accordingly which may even make him/her ineligible for some/all seats/course(s) and the candidate may be reconsidered in the next round of counselling, if any. c) Similarly, if at any stage during or after counselling it is found on scrutiny that the information/document(s) provided by the candidate is false/incorrect, his/her candidature is liable to be treated as cancelled even if he/she secured a Merit Rank and/or a seat has been allotted to the candidate. Hence, securing a Rank does not constitute a right/guarantee in favour of a candidate for his/her claim for admission if he/she fails to comply with the required criteria.

4.0	**Seat matrix**
	The seat matrix for last year i.e., for the academic session 2022-23 is given in Board's website.
	Seat matrix for the academic session 2023-24 will be declared by the office of The Director of Technical Education, Govt. of W.B. in due course of time and will be published at Board's web site before counselling.
	Note that there may be other seats available in some institute/course which are not offered by them through e-counselling and hence do not appear in the seat matrix.
5.0	**Reservation of seats**
	a) Reservation of Seats will be available for SC/ST/OBC-A(NCL)/OBC-B(NCL)/PwD category of candidates as per applicable rule depending upon the type of institute. The OBC-A/ OBC-B candidates belonging to Non Creamy Layer (NCL) only are eligible for consideration as reserved candidates. OBC-A/ OBC-B candidates must produce **updated NCL certificate** during Counselling/ Admission.
	b) Such reservation shall be restricted to candidates who are Indian citizen and domiciled in West Bengal.
	c) Candidates claiming reservation must submit relevant Certificate issued by the competent Authorities as given in respective sections.
	d) Certificates are to be produced for verification by the **allotted Institute** during counselling, admission etc. If at that time, it is found that any information given by the candidate is/are incorrect or if the candidate is unable to produce certificate/ document/ proof **valid as per the then applicable rules as on the date of its verification**, his/her information will be corrected/modified accordingly which may even make him/her ineligible for some/all seats/course(s) and the candidate may be reconsidered in next round of counselling, if any.
6.0	**Requirements in terms of Residential/Domicile Criteria**
	a) The candidate must be a domicile of Home State i.e., West Bengal for admission in,
	i. Any seat including general category seats in any Government aided College.
	ii. Any reserved category seat (SC, ST, OBC-A(NCL), OBC-B(NCL), PwD) in any institute.
	b) The candidate needs to download the required proforma as per the detail given in section 6.1 and keep the certificate ready to be produced during counseling, admission etc.
	b) If any of the certificates is then found to be invalid, the candidate will lose the opportunity of admission in seats reserved for WB domiciled candidates.
6.1	**Criteria to be treated as domicile of West Bengal and applicable proforma of certificate**
	Only those candidates will be treated as domicile of West Bengal who are either,
	a) residing in West Bengal continuously at least for last 10 (ten) years as on 31.12.2022.
	OR
	b) whose parent(s) is/are permanent resident(s) of West Bengal having permanent address within the State of West Bengal.

In case of a) above, a certificate is to be obtained as per forma 'a1' (APPENDIX-1).

In case of b) above, a certificate is to be obtained in proforma 'b' (APPENDIX-2) or the candidate must produce in original any two of Voter ID card/ Aadhaar card/ Passport/ Ration card belonging to his/her parents. The said documents must justify that the residential address of parent(s) is in West Bengal.

During counselling etc. if SC/ST/OBC-A(NCL)/OBC-B(NCL) candidates who cannot produce required domicile certificate, they can produce/upload their category certificates (issued by the Govt. of WB) in lieu of domicile certificate. But in that case if the category certificate is found invalid at the time of verification, their domicile status will also be considered as NON-West Bengal.

6.2	**Competent authority to issue domicile certificate**

a) **Proforma 'a1' or 'b'** must be signed and certified by any of the following competent authorities from Central Government or State Government *having local jurisdiction over the place of the permanent residence of the concerned candidate or his/her parents* viz.

  i. District Magistrate, Additional District Magistrate, Deputy Magistrate, Deputy Collector, Sub – Divisional Officer, Block Development Officer.
  ii. Superintendent of Police, Additional Superintendent of Police, Sub Divisional Police Officer, Deputy Superintendent of Police,
  iii. Commissioner, Additional Commissioner, Joint Commissioner, Deputy Commissioner, Assistant Commissioner of Police Commissionerate.
  iv. Judicial Magistrate of any rank or position in the concerned district or Metropolitan locality or Hon'ble High Court at Calcutta or Hon'ble Supreme Court of India.
  v. Corporation Area - Commissioner, Additional Commissioner, Joint Commissioner, Assistant Commissioner.
  vi. Assistant Secretary or above in the Secretariat to the Government of West Bengal (including GTA) or Central Government.
  vii. Deputy Director or above in the Directorate to the Government of West Bengal or Central Government.

b) Officials issuing domicile certificates MUST provide his/her full name, designation, place of posting with address, land line/mobile number. He/she should also provide his/her identity card number if available.

Note: Domicile certificates issued by any elected people's representative such as municipal commissioner, Councillor of Municipal Corporation/ Municipality, Member of three-tier Panchayat system or GTA, MLA or MP are not acceptable.

7.0	**Competent Authorities for the issuance of SC/ST Certificate for candidates claiming under such reserve category of seats**

SC/ST Certificates are to be issued by any of the following authorities:

(i) Sub-Divisional Officers for all districts except Kolkata.
(ii) District Welfare Officer, Kolkata & Ex-Officio Joint Director, B.C.W. in case of Kolkata Municipal Area (as defined in clause (9) of Section 2 of K.M.C Act, 1980.

8.0	**Competent Authorities for the issuance of OBC-A (NCL*)/ OBC-B (NCL*) Certificate for candidates claiming under such reserve category of seats**
	As per Notification vide No. 374(71)-TW/EC/MR-103/94 dated 27/7/1994, read with Memorandum No. 1204-SBCW/MR-67/10 dated 27/7/2015 issued by Backward Classes Welfare Department. Govt. of W.B., the Sub Divisional Officer of a Sub- Division in a District is t h e certificate issuing authority. In Kolkata such certificate is issued by such an officer as the State Government by modification authorizes. Accordingly, the District Welfare Officer, Kolkata, and Ex-officio Joint Director, BCW Dept. has been notified to act as the certificate issuing authority in respect of Kolkata covering the jurisdiction of the Kolkata Municipal Corporation.
	*NCL- Non Creamy Layer
9.0	**Reservation of seats for PWD candidates**
	a) According to Section 2(r) of the RPWD Act, 2016, **"persons with benchmark disabilities"** means a **person with not less than forty percent (40%) of a specified disability** where specified disability has not been defined in measurable terms and includes a person with disability where specified disability has been defined in measurable terms, as certified by the certifying authority.
	b) Accordingly, reservation in PWD seats will be available for the following types of disabilities, percentage of disability being not less than 40%.

	i. Locomotor disability as specified in the Schedule of RPWD Act, 2016.
	     ii. Visual impairment as specified in the Schedule of RPWD Act, 2016.
	     iii. Hearing impairment as specified in the Schedule of RPWD Act, 2016.
	     iv. Speech & language disability as specified in the Schedule of RPWD Act, 2016
	     v. Intellectual disabilities as specified in the Schedule of RPWD Act, 2016
	     vi. Mental illness.
	     vii. Disabilities caused due to chronic neurological conditions and blood disorder.
	     viii. Multiple disabilities including deaf blindness.

	c) The "specified disabilities", which are included in the Schedule of the RPWD Act, are given in APPENDIX-8.
	d) PWD certificates are to be issued by any of the authorities as given in the Order No. 289-HF/O/PHP/IR-05/2017 dated 29.08.2018 by the Government of West Bengal, Health & Family Welfare Department (PHP Branch).
9.1	**Special facilities to PwD candidates for appearing in the examination**
	a) **Concessional application fees:** PwD candidates are eligible for 40% concession on application fees. To avail the same, the candidate must formally apply in writing (enclosing a copy of his/her confirmation page and PwD certificate) to the Chairman, WBJEEB and send/submit the application to the Board office within the last date of online application.
	b) **Compensatory time**: Twenty minutes per hour compensatory time as per duration of examination (On pro-rata basis) will be allowed to the PwD candidates with benchmark disabilities.
	c) **Scribe/Reader**: Facility of own Scribe/Reader will be allowed to a candidate with benchmark disability and has limitation in writing including that of speed if so

	desired by him/her.
	d) In order to avail the facility of compensatory time and/or scribe/reader, the candidate must formally apply in writing (enclosing a copy of his/her confirmation page, PwD certificate, a certificate in the format as given in APPENDIX-3 and a letter of undertaking in the format as given in APPENDIX-4) to the Chairman, WBJEEB and send/submit the application to the Board office within the last date of online application. **Special arrangement will be made in the office of the Board in Kolkata for such candidates to sit for the examination. Such facilities are not available in other examination centers.**
	e) The Board's decision in this regard will be final and binding on the candidate.
10.0	**Legal jurisdiction**
	a) All matters pertaining to conduct of the examination and counselling shall fall within the jurisdiction of Kolkata only.
	b) The Board will not be a party pertaining to any dispute arising in the process of admission.
	c) WBJEEB is obliged to share with any candidate any information about his/ her own status in common entrance test and counselling, for which any candidate can contact WBJEEB individually and personally. But WBJEEB is unable to share any information about any other candidate.
11.0	**Procedure for submission of application form, payment of examination fees**
11.1	**Registration**
	a) The candidate will enter personal details such as, name, father's name, mother's name, date of birth, gender, identification type and number, present and permanent address, mobile number, email ID etc.
	b) **Candidates must be careful while entering name, father's name, mother's name, date of birth, gender, and domicile. This information cannot be changed/edited/modified under any circumstances.**
	c) Then the candidate has to create password, review and submit the registration.
	d) An application number will be generated and will appear on the screen. Also, SMS/email will be sent to the candidate.
	e) Candidate must remember his/her application number, password. If the candidate forgets the password, he/she has to recover it through "Forgot Password" option. **There is no other way to recover the password.**
	f) It is not possible for any person/agency to change/edit/input any information without knowing the password. Hence candidates must not share their password with anybody. **The Board will not be responsible for any change resulting from sharing/ divulging of the password**.
11.2	**Application**
	a) At this stage, the candidate needs to fill up various other information such as, domicile, category, PwD status, religion, nationality, academic details etc.
	b) Thereafter the candidate needs to choose zones of examinations in order of his/her choice and submit the application.

11.3	**Uploading of images**
	a) The candidate is required to upload JPG/JPEG images of his/her recent color photograph (10 to 200 KB) and signature (4 to 30 KB).
	b) Photo and signature are to be uploaded in one go.
11.4	**Payment of Examination Fees**
	a) The Examination Fees can be paid by Net Banking/ Debit Card/ Credit Card/ UPI only.
	b) Application fee for the examination is **Rs. 500/- (Rupees five hundred only) for General candidates and Rs. 400/- (Rupees four hundred only) for SC/ST/OBC-A/OBC-B candidates, plus the Bank's service charges,** if applicable.
	c) **The fee once paid is not refundable under any circumstances.**
11.5	**Confirmation Page**
	On successful completion of all the steps mentioned above, the candidate shall be directed to download the 'Confirmation Page' which means that the application is **complete**. APPLICATION IS **INCOMPLETE** UNTIL THE CONFIRMATION PAGE IS GENERATED.
11.6	**Correction of application form**
	a) It is not possible to correct any primary registration data i.e., **Name, Father's Name, Mother's name, gender, domicile, and Date of birth.**
	b) If any candidate intends to correct/modify any other information in his/her application, he/she can do so after logging in during the given "**correction period**". **The Board will not entertain any request for any correction/modification under any circumstances beyond the "correction period". Also, the Board will not make any correction/modification on behalf of any candidate**.
12.0	**Admit Card**
	a) Admit cards will be generated on the notified date for the student to download and take a print. Candidate must carry a printed hard copy of the admit card to the examination center.
	b) **Candidates must ensure that the admit card is not mutilated/ distorted/ soiled even by accident. Candidates with such mutilated/ distorted/ soiled admit card will not be allowed to appear in the examination.**
13.0	**Allocation of examination centre**
	a) Allocation of examination centre will be based on the choices of zones given by the candidate. However, under unavoidable circumstances, any candidates may be allocated in a zone out of his/her choice. **Discretion of the Board in allocation of examination zone/centre shall be final**. No request for change of allocated centre will be entertained under any circumstances. List of district-wise examination zones is given in APPENDIX-7.
	b) Any examination zone may be dropped if adequate numbers of candidates are not available or under any unavoidable circumstance. In such case the candidate will be allocated alternative examination zone.

14.0	**Evaluation and declaration of result**
	a) **Model Answer Keys** will be available for a brief period at Board's web site shortly after the examination. Candidates can log in and view the model answer keys.
	b) Candidates can also challenge any answer key on payment of **₹500/- (Rupees Five hundred only) per question** plus the bank's service charges, if any. The fee once paid is **not refundable**.
	c) The Board will review the challenges and publish Final and Frozen Answer Keys. **The Board's decision in this regard will be final and no further communication will be entertained.**
	d) Images of OMRs and machine read responses will be available for a brief period in Board's web site one week (tentatively) after the examination. Any candidate can view the images of his/her OMRs and machine read responses by logging in with his/her password. Candidates should download and preserve copies of their OMRs. However, the duration of preservation of record (s)/ document (s)/ information has been notified and available in the Board's website.
	e) Any candidate, who is not satisfied with the captured responses may challenge online on payment of **₹500/- (Rupees Five hundred only) per question** plus bank's service charges, if any.
	f) The Board will review the challenges and take final decision. **The Board's decision on the challenges will be final and no further communication will be entertained.**
	g) Challenges by email, letter, fax, telephone etc. other than through online mode will not be accepted or entertained.
	h) Result will be published in the form of Rank Card, which will contain all relevant rank(s) and score. Candidates can view and download their rank card by logging in with their password. **The Board never publishes a rank/score list to ensure confidentiality to each individual candidate.**
	i) Rank card with score will be issued to all candidates, who appears in the examination. But all **may not be awarded a rank and hence may not be eligible for counseling**, for which a cut off rank and/or a cut off score will be decided by the board.
	j) If any candidate has any grievance about his/her score, he/she may raise a query through email (to info@wbjeeb.in) within 24 hours of declaration of the result attaching copies of OMR, rank card, question booklet number and its series code, question wise self calculation of score. If the candidate wishes to make a physical representation, it is allowed till 12:00 noon on the next working day of result publication. The Board will not entertain any query/grievance thereafter.
	k) A candidate can calculate his/her score from his/her machine read response and published final answer keys. However, if any candidate needs a calculation sheet from the Board, he/she will have to apply to the Board with a demand draft of Rs. 500/- (**Rupees Five hundred only**) in favour of 'West Bengal Joint Entrance Examinations Board' payable at Kolkata. But this facility will be available only till 60 days after the declaration of result or till the counselling is over, whichever is later.

15.0	**General rules about documents**
	a) Whenever and wherever a candidate produces documents like confirmation page, admit card, rank card, caste/ category/ domicile certificate etc., he/she must produce it in original. Documents generated by the portal must be printed by using the 'PRINT' link provided for the purpose. **Screen shots, photographs of the screen, images captured/stored by/in mobile phone etc. are not acceptable as any valid document.**
	b) Confirmation page, admit card, rank card etc. contains some personal information as given by the candidate during online application. As such, the Board is in no way responsible for any mistake in it due to incorrect entry by the candidate.
	c) **All verifications are done by the allotted Institute during counselling/admission. Hence, candidates cannot assume that the personal information shown in the confirmation page, admit card, rank card etc. are accepted or approved by the Board.**
	d) In case the candidate faces any problem during admission in any institute or thereafter due to any mistake committed by him/her in providing such personal information during online application, **the Board is not able to render any help e.g., issuing any letter of correction etc**. The candidate must take necessary actions at his/her end with the institute, where he/she takes admission.
	e) Confirmation page and admit card cannot be downloaded after the examination is over. Rank card and image of OMR cannot be downloaded after the counselling is over. **Candidates must preserve such documents safely.**
	f) However, if any candidate needs a duplicate copy of Admit card, Rank card etc. it can be provided by the Board, but only till the end of counselling or 60 days after the date of declaration of result, whichever is later. To get a duplicate copy, the candidate must apply to the Board and pay a processing fee of Rs. 500/- (**Rupees Five hundred only**) for each document by a bank draft issued in favour of "West Bengal Joint Entrance Examinations Board" payable at Kolkata.
16.0	**Counselling/seat allotment and provisional admission**
	a) A separate notification with details of counseling/seat allotment and admission procedure will be published in Board's web site shortly after publication of result.
	b) Course-wise and institute wise availability of seats provided by the Competent Authorities will also be published before counselling and allotment.

APPENDIX - 1

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PROFORMA-a1

Residential/Domicile Certificate for candidates residing in the State of West Bengal continuously for at least last ten (10) years as on 31.12.2022

Certified that _____

Son / daughter of _____ is

a resident/permanent resident of West Bengal at Village/House No.

_____

Street _____ Post Office _____

Police Station _____ in the

District of _____ under _____

Assembly Constituency and has been living in the State of West Bengal continuously / uninterruptedly at least for the last ten (10) years as on 31-12-2022.

<table>
<tr>
<td>Paste 4 cmx3 cm size recent colour photograph in this box. Photo must be attested by the certifying authority</td>
<td>Candidate's signature</td>
</tr>
</table>

Candidate must sign here in front of the certifying authority

(Candidate's photograph)

Signature of Certifying Authority _____

Full Name of Certifying Authority _____

Designation with Official Seal_____

Office Address _____

Office Phone No. _____ Mobile No:_____(optional)

ID No: _____(optional)

Note: *Photograph is to be attested by the certifying authority.*

        The Certifying Authority should preserve a duplicate copy of this Certificate.

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APPENDIX -2

PROFORMA-b

Residential/Domicile Certificate for candidates not residing in the State of West Bengal but whose parent(s) is (are) permanent resident(s) of West Bengal having their permanent home address within West Bengal

Certified that _____

Father/ mother of _____

(the applicant) is/ are permanent Resident of West Bengal at Village/ House No.

_____

Street _____ Post Office _____ Police

Station _____ in the District of_____

Under _____ Assembly Constituency.

Paste 4 cmx3 cm size recent colour photograph of the candidate in this box. Photo must be attested by the certifying authority	Paste 4 cmx3 cm size recent colour photograph of father/ mother of the candidate in this box. Photo must be attested by the certifying authority	Father's/ Mother's Signature
		Candidate's Signature

Candidate must sign here in front of the certifying authority

(Candidate's Photograph) (Father's/ Mother's Photograph)

Signature of Certifying Authority _____

Designation with Official Seal _____

Full Name of Certifying Authority _____

Office Address _____

Office Phone No. _____ Mobile No:_____(optional)

ID No: _____(optional)

Note: Photographs are to be attested by the certifying authority.

The Certifying Authority should preserve a duplicate copy of this Certificate.

APPENDIX – 3

Certificate regarding physical limitation in an examinee to write

This is to certify that, I have examined Mr/Ms/Mrs _____ (name

of the candidate with disability), a person with _____ (nature

and percentage of disability as mentioned in the certificate of disability), S/o/ D/o

_____, a resident

of _____

(Village/District/State) and to state that he/she has physical limitation which hampers his/her

writing capabilities owing to his/her disability.

Signature

Chief Medical Officer/Medical Superintendent of a Government health care institution

Name & Designation:

Name of Government Hospital/Health Care Centre with Seal:

Place:

Date:

Note:

Certificate should be given by a specialist of the relevant stream/disability
(e.g.,Visual impairment - Ophthalmologist, Locomotor disability- Orthopaedic specialist/ PMR)

APPENDIX – 4

Letter of Undertaking for Using Own Scribe

I _____, a

candidate with_____ (name

of the disability) appearing for the _____ (name

of the examination) bearing Roll No. _____ at

_____ (name

of the centre) in the District_____, _____(name

of the State). My qualification is_____.

     I do hereby state that _____ (name

of the scribe) will provide the service of scribe/reader/lab assistant for the undersigned

for taking the aforesaid examination.

     I do hereby undertake that his qualification is _____.

In case, subsequently it is found that his qualification is not as declared by the

undersigned and is beyond my qualification, I shall forfeit my right to the admission and

claims relating there to.

(Signature of the candidate with Disability)

Place:

Date:

APPENDIX –5

Rules of the Examination

1. Candidates are advised to reach the examination centers at least 30 minutes before commencement of the test.

2. Be sure about the exact location of your examination center and means of commuting to avoid inconvenience, if any, on the day of examination.

3. No candidate will be allowed to seat for the test in any center other than the one allotted to him/her and as is mentioned in the admit card.

4. Any candidate found to occupy a seat other than the one allotted to him/her will be **reported against** and his/her paper will be cancelled.

5. Carry the following documents to enter the examination center.

   a.   A printed copy of admit card.

   b.   A copy of color photograph as was uploaded during online application.

   c.   Any photo identity card in original such as Aadhaar card/ PAN card / Passport/ voter card/ 10th standard admit card/ School – ID card.

6. Frisking may be carried out while entering the center for checking prohibited objects/articles.

7. Candidates are advised to take their seats at least 15 minutes before commencement of the test.

8. No candidate will be allowed to enter the examination center **beyond the scheduled time of commencement of the test under any circumstances**.

9. **Candidates are not allowed to carry any written or printed material, calculator, pen, log table, wristwatch, any communication device like mobile phones, any blue tooth device etc. inside the examination hall. Any candidate found with prohibited items will be reported against and his/her candidature will be summarily cancelled.**

10. Question booklets will be distributed well before commencement of the test. Take out the OMR sheet and check that your OMR number and question booklet number are same. If not, ask the invigilator to replace the whole set from same series (e.g., A/B/C/D).

11. Put your signature on the top of question booklet.

12. Read the instructions given on OMR sheet and on the cover page of question booklet very carefully.

13. Write question booklet number and roll number at the appropriate places on the OMR sheet. Wrong entry of question booklet number and roll number may lead to rejection of the OMR sheet or wrong scoring, for which the Board will not be held responsible. If any candidate makes any mistake, he/she must **not** overwrite. Request the invigilator to strike it out and rewrite the correct numbers and put his/her (Invigilator) signature.

14. Darken appropriate circle/bubbles of question booklet number, Roll number and question booklet series (e.g., A/B/C/D).

15. Write your name in BLOCK LETTERS, name of the center and put your signature in appropriate places on the OMR sheet. Do not put any stray mark anywhere else; it may lead to rejection of OMR sheet.

16. Check that your Roll number, photograph, spelling of your name in the attendance sheet matches with those given in your admit card. If any correction is needed, bring it to the notice of the invigilator.

17. Question booklets can be opened only at the time of commencement of test and as will be announced by the invigilator. Check all the pages of question booklet. If there is any damage or missing page or any difficulties to read the question booklet, ask your invigilator to replace the whole set from the same series (e.g., A/B/C/D).

18. Maintain silence during the test. Any conversation/gesticulation or creation of disturbances will be deemed as misdemeanor. If any candidate is found adopting any unfair means, his/her candidature will be cancelled and / or he/she will be debarred either permanently or for a period as is deemed fit by the Centre- in- Charge.

19. No discussion will be allowed with the invigilator regarding any question.

20. Candidates may do rough work in the space provided in the question booklet.

21. No candidate will leave his/her seat without permission of the invigilator until the test is over.

22. No candidate will leave the hall till the end of the test and all OMR sheets are collected and tallied by the invigilator.

23. Candidates are allowed to take his/her question booklet after the test.

24. If any examinee is found impersonating, he/she will be **handed over to the police** and candidature of the original candidate will be cancelled outright.

25. COVID-19 protocol to be maintained as applicable.

APPENDIX –6

JECA syllabus

The papers will be based on Undergraduate Computer Application and equivalent courses followed in various Universities in India and on the following topics.

1. **C Programming**: Variables and Data types, IO Operations, Operators and Expressions, Control Flow statements, Functions, Array, Pointers, String Handling, Structures and Unions, Files Handling, Pre-Processor Directives, Command Line Arguments.

2. **Object Oriented Programming**: Data Types, If / Else If / Else, Loops, Function, Switch case, Pointer, Structure, Array, String, Function Overloading, Function templates, SCOPE of variable, Type aliases (typedef / using), Unions, Enumerated types (enum), Class, Constructors, Overloading Constructors, Member initialization in constructors, Pointers to classes, Overloading Operators, Keyword 'this', Static Members, Const Member Functions, Class Templates, Template Specialization, Namespace, Friendship (Friend Functions & Friend Classes), Inheritance, Polymorphism, Virtual Members, Abstract base class.

3. **Unix**: Following commands and its different options: Is, ps, pwd, mv, cp, touch, cat, time, cal, bc, sort, diff, wc, comm, In, du, kill, sleep, chmod, chown, chgrp, top, nice, renice, cut, paste, grep, file, whereis, which, echo, env, PATH, CLASSPATH, find.

   vi editor, shell, wildcard, shell script.

4. **Data Structure**: Searching, Sorting, Stack, Queue, Linked List, Tree, Graph.

5. **Introduction of Computers**: Bus structure, Basic I/O, Subroutines, Interrupt, DMA, RAM, ROM, pipeline, system calls.

6. **Operating System**: Process, Thread, CPU Scheduling, Deadlock, Synchronization, Memory Management, Disk Management, File Management.

7. **Computer Network**: Concepts of networking, Application areas, Classification, Reference models, Transmission environment & technologies, Routing algorithms, IP, UDP & TCP protocols, IPv4 and IPv6, Reliable data transferring methods, Application protocols, Network Security, Management systems, Perspectives of communication networks.

8. **Database Management System**: Introductions to Databases, ER diagram, Relational Algebra, Relational Calculus, SQL, Normalization, Transactions, Indexing, Query optimization.

9. **Software Engineering**: Introduction to Software Engineering, A Generic view of process, Process models, Software Requirements, Requirements engineering process, System models, Design Engineering, Testing Strategies, Product metrices, Metrices for Process & Products, Risk management, Quality Management.

10. **Machine Learning**: Classification, Decision Tree Learning, Artificial Neural Networks, Support Vector Machines, Bayesian Learning, Clustering, Hidden Markov Models.

District-wise list of examination zones for JECA-2023

Candidates will choose any three (3) of the following zones in order of their preference.

Sl. No.	District of W. B.	Zone	Zone code
1	Bankura	Bankura	11
2	Cooch Behar	Cooch Behar	15
3	Darjeeling	Siliguri	18
4	Hooghly	Serampore	21
5	Howrah	Howrah Maidan/Shibpur	22
6	Howrah	Salkia/Bally/Uttarpara	23
7	Howrah	Santragachi/Domjur	24
8	Howrah	Uluberia	25
9	Kolkata	Central Kolkata (Moulali/ Beliaghata/ Narkel Danga/ Phool Bagan/ Kakurgachi/ Park Circus)	29
10	Kolkata	North Kolkata (Shyam bazar/ Bagh Bazar/ Girish Park/ Burra Bazar/ College Street/ Sealdah)	30
11	Kolkata	Salt Lake/New Town (Salt Lake/ Lake Town/ New Town/ Rajar Hat)	31
12	Kolkata	South Kolkata (Ballygaunge/ Minto Park/ Bhowanipore/ Tollygaunge/ Jadavpur)	32
13	Kolkata	West Kolkata (Joka/ Behala/ Alipore/ Chetla/ Khidirpore/ Budge Budge)	33
14	Malda	Malda	34
15	Murshidabad	Berhampore	35
16	Nadia	Kalyani	38
17	North 24 Parganas	Barrackpur (Dum Dum Jn. to Barrackpur)	43
18	Paschim Burdwan	Asansol	45
19	Paschim Burdwan	Durgapur	46
20	Paschim Medinipur	Kharagpur	48
21	Paschim Medinipur	Medinipur	49
22	Purba Burdwan	Burdwan	50
23	Purba Medinipur	Haldia	52
24	South 24 Parganas	Garia/Sonarpur/Baruipur	55

APPENDIX –8

THE SCHEDULE
[See clause (zc) of section 2]
SPECIFIED DISABILITY

1. Physical disability.—

A. Locomotor disability (a person's inability to execute distinctive activities associated with movement of self and objects resulting from affliction of musculoskeletal or nervous system or both), including—

(a) "leprosy cured person" means a person who has been cured of leprosy but is suffering from—

(i) loss of sensation in hands or feet as well as loss of sensation and paresis in the eye and eye-lid but with no manifest deformity;

(ii) manifest deformity and paresis but having sufficient mobility in their hands and feet to enable them to engage in normal economic activity;

(iii) extreme physical deformity as well as advanced age which prevents him/her from undertaking any gainful occupation, and the expression "leprosy cured" shall construed accordingly;

(b) "cerebral palsy" means a Group of non-progressive neurological condition affecting body movements and muscle coordination, caused by damage to one or more specific areas of the brain, usually occurring before, during or shortly after birth;

(c) "dwarfism" means a medical or genetic condition resulting in an adult height of 4 feet 10 inches (147 centimeters) or less;

(d) "muscular dystrophy" means a group of hereditary genetic muscle disease that weakens the muscles that move the human body and persons with multiple dystrophy have incorrect and missing information in their genes, which prevents them from making the proteins they need for healthy muscles. It is characterised by progressive skeletal muscle weakness, defects in muscle proteins, and the death of muscle cells and tissue;

(e) "acid attack victims" means a person disfigured due to violent assaults by throwing of acid or similar corrosive substance.

B. Visual impairment—

(a) "blindness" means a condition where a person has any of the following conditions, after best correction—

(i) total absence of sight; or

(ii) visual acuity less than 3/60 or less than 10/200 (Snellen) in the better eye with best possible correction; or

(iii) limitation of the field of vision subtending an angle of less than 10 degree.

(b) "low-vision" means a condition where a person has any of the following conditons, namely:—

(i) visual acuity not exceeding 6/18 or less than 20/60 upto 3/60 or upto 10/200 (Snellen) in the better eye with best possible corrections; or

(ii) limitation of the field of vision subtending an angle of less than 40 degree up to 10 degree.

(a) "specific learning disabilities" means a heterogeneous group of conditions wherein there is a deficit in processing language, spoken or written, that may manifest itself as a difficulty to comprehend, speak, read, write, spell, or to do mathematical calculations and includes such conditions as perceptual disabilities, dyslexia, dysgraphia, dyscalculia, dyspraxia and developmental aphasia;

(b) "autism spectrum disorder" means a neuro-developmental condition typically appearing in the first three years of life that significantly affects a person's ability to communicate, understand relationships and relate to others, and is frequently associated with unusal or stereotypical rituals or behaviours.

3. Mental behaviour,—

"mental illness" means a substantial disorder of thinking, mood, perception, orientation or memory that grossly impairs judgment, behaviour, capacity to recognise reality or ability to meet the ordinary demands of life, but does not include retardation which is a conditon of arrested or incomplete development of mind of a person, specially characterised by subnormality of intelligence.

4. Disability caused due to—

(a) chronic neurological conditions, such as—

(i) "multiple sclerosis" means an inflammatory, nervous system disease in which the myelin sheaths around the axons of nerve cells of the brain and spinal cord are damaged, leading to demyelination and affecting the ability of nerve cells in the brain and spinal cord to communicate with each other;

(ii) "parkinson's disease" means a progressive disease of the nervous system marked by tremor, muscular rigidity, and slow, imprecise movement, chiefly affecting middle-aged and elderly people associated with degeneration of the basal ganglia of the brain and a deficiency of the neurotransmitter dopamine.

(b) Blood disorder—

(i) "haemophilia" means an inheritable disease, usually affecting only male but transmitted by women to their male children, characterised by loss or impairment of the normal clotting ability of blood so that a minor would may result in fatal bleeding;

(ii) "thalassemia" means a group of inherited disorders characterised by reduced or absent amounts of haemoglobin.

(iii) "sickle cell disease" means a hemolytic disorder characterised by chronic anemia, painful events, and various complications due to associated tissue and organ damage; "hemolytic" refers to the destruction of the cell membrane of red blood cells resulting in the release of hemoglobin.

5. Multiple Disabilities (more than one of the above specified disabilities) including deaf blindness which means a condition in which a person may have combination of hearing and visual impairments causing severe communication, developmental, and educational problems.

6. Any other category as may be notified by the Central Government.

Academic eligibility criteria for admission

Parameters	Module-1 JU	Module-2 CU	Module-3 KU	Module-4 NBU	Module-5 VU	Module-6 MAKAUT & Others**
Eligible qualifying UG courses:						
BE/BTech (Computer Sc/IT)	NO	Yes	Yes	Yes	Yes	Yes
BE/BTech (Others)	NO	NO	Yes	Yes	Yes	Yes
BSc (Major)-Computer Application	Yes	Yes	Yes	Yes	Yes	Yes
BSc (Hon's)-Computer Sc	Yes	Yes	Yes	Yes	Yes	Yes
BSc (Hon's)-Others	Yes	NO	Yes	Yes	NO	Yes
BA/BCom (Hons)	NO	NO	Yes	Yes	NO	Yes
BSc (General)	Yes	NO	Yes	Yes	NO	Yes
BA/BCom-General	NO	NO	Yes	Yes	NO	Yes
BCA	Yes	NO	Yes	Yes	Yes	Yes
BSc (Hon's)-IT	NO	NO	NO	NO	NO	Yes
B.Voc	NO	NO	NO	NO	NO	Yes
Overall % in the qualifying UG course (Honours candidates should consider marks in honours subject only)	60% (45%)	60% (55%)	60% (45%)	60% (50%)	50% (45%)	50% (45%)
Mathematics score in UG level	Passed	60% (55%)	Passed	Passed	50% (45%)	NA
Aggregate in Class 12	60% (45%)	60% (55%)	60% (45%)	60% (50%)	50% (45%)	50% (45%)
Mathematics score in Class 12	60% (45%)	60% (55%)	Passed	Passed	50% (45%)	NA
Aggregate in Class 10	60% (45%)	60% (55%)	60% (45%)	NA	NA	NA
Mathematics score in Class 10	60% (45%)	60% (55%)	Passed	NA	NA	NA

** As per the communication received from MAKAUT, the admission to MCA course in the academic year 2023-24, the academic eligibility criteria would be followed as was stipulated in the Approval Process Handbook 2022-23. In connection with the above, the students desire to take admissions to MCA course in MAKAUT and/or its affiliating Institutions, having no mathematics background, compulsory bridge course will be framed by the said University/ Institution and additional bridge courses related to computer subjects as per the norms of the concerned university.

Institutes and modules for 2022

Module	Institute
Module-1	Jadavpur University
Module-2	University college of Science & Technology, Calcutta University
Module-3	University of Kalyani, Department of Computer Sc. & Engineering
Module-4	North Bengal University
Module-5	Vidyasagar University
Module-6	Maulana Abul Kalam Azad University of Technology Academy of Technology, Adisaptagram, Hooghly Asansol Engineering College, Asansol, Burdwan B.P. Poddar Institute of Management & Technology, Kolkata Calcutta Institute of Technology, Uluberia, Howrah Dr. B. C. Roy Engineering College, Durgapur Future Institute of Engineering & Management, Sonarpur Guru Nanak Institute of Technology, Panihati, Sodepur Haldia Institute of Technology, Haldia, Purba Medinipur Heritage Institute of Technology, Kolkata Institute of Engineering & Management, Salt Lake Institute of Science and Technology, Paschim Medinipur JIS College of Engineering, Kalyani, Nadia Kalyani Government Engineering College, Kalyani, Nadia Meghnad Saha Institute of Technology, Kolkata Narula Institute of Technology, Agarpara, Kolkata Netaji Subhas Engineering College, Garia, Kolkata RCC Institute of Information Technology, Kolkata Regent Education and Research Foundation, Barasat, Kolkata Seacom Engineering College, Sankrail, Howrah Siliguri Institute of Technology, Siliguri Swami Vivekananda University Techno College Hoogly Techno India University, Salt Lake Techno International New Town, Rajarhat, New Town Techno Main Salt Lake, Sector-V, Salt Lake